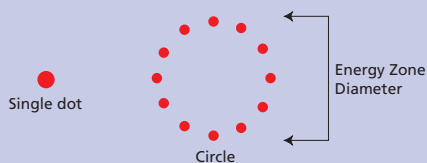


Convir OS530 Series Handheld Infrared Thermometer With Switchable Dot/ Circle Laser Sighting

- ◆ Models Available with Temperature Ranges to 871°C (1600°F)
- ◆ Emissivity Adjustable from 0.1 to 1.00 in 0.01 Steps
- ◆ Type K Thermocouple Input Available
- ◆ Backlit LCD Display
- ◆ Dual Digital Display Indicates Current with Min, Max, Average, or Difference Temperatures
- ◆ °C/°F Selectable
- ◆ 1 mV/Degree Analog Output Standard
- ◆ RS232 Output Models include FREE Data Logging Software
- ◆ Audible and Visible Alarms
- ◆ Integral Tripod Mount
- ◆ Temperature Data Storage Available
- ◆ Electronic Trigger Lock
- ◆ Last Temperature Recall
- ◆ Soft Carrying Case Included

With a combination of powerful features, the portable and rugged OS530 series infrared thermometers offer solutions for many non-contact temperature measurement applications. Emissivity adjustable in 0.01 increments, the OS530 series provides versatility when measuring a variety of surfaces. A custom backlit LCD display provides dual digital display of both current and max, min, diff or average temperatures simultaneously. This provides the user with more information at a glance. Built-in laser sighting creates a 12-point circle which clearly indicates the target area being measured.

Laser sight configurations



The OS530 also features a high alarm setpoint, providing both audible and visual indication of the alarm status. The standard 1 mV per degree analog output allows interfacing with data acquisition equipment, including chart recorders, dataloggers and computers.

Elektro-Trading sp. z o.o.

44-109 Gliwice, ul.Mechanikow 9
Fax: +48 (0-32) 734-55-70
Tel: +48 (0-32) 734-55-72
E-mail: et@elektro-trading.com.pl
http://www.elektro-trading.com.pl

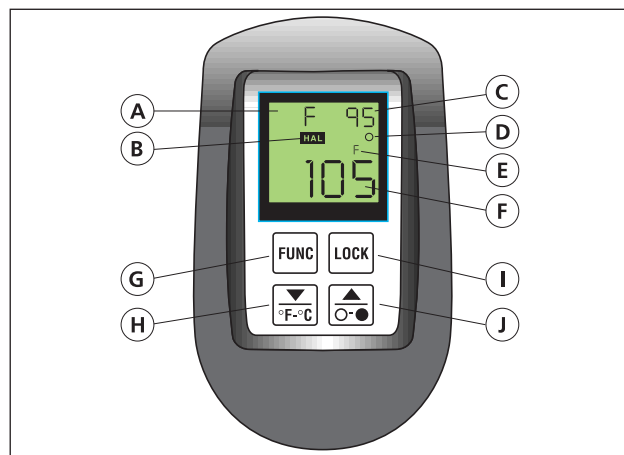


GENERAL SPECIFICATIONS

Model Number	OS530L	OS530HR	OS530L-CF	OS532	OS533-CF	OS533-RS	OS534-CF	OS534-DL
Accuracy*	±1% of rdg	±1% of rdg	±1% of rdg	±1% of rdg	±1% of rdg	±1% of rdg	±1% of rdg	±1% of rdg
Repeatability	±(1% of rdg + 1 digit)	±(1% of rdg + 1 digit)	±(1% of rdg + 1 digit)	±(1% of rdg + 1 digit)	±(1% of rdg + 1 digit)	±(1% of rdg + 1 digit)	±(1% of rdg + 1 digit)	±(1% of rdg + 1 digit)
Range	-18 to 538°C	-30 to 121°C	-18 to 538°C	-18 to 538°C	-18 to 538°C	-18 to 538°C	-18 to 871°C	-18 to 871°C
Resolution	1°C or 1°F	0.1°C or 0.1°F	1°C or 1°F	1°C or 1°F	1°C or 1°F	1°C or 1°F	1°C or 1°F	1°C or 1°F
Emissivity	0.10 to 1.00	0.10 to 1.00	0.10 to 1.00	0.10 to 1.00	0.10 to 1.00	0.10 to 1.00	0.10 to 1.00	0.10 to 1.00
Response Time	250 ms	250 ms	250 ms	250 ms	250 ms	250 ms	250 ms	250 ms
Backlit Dual LCD Display	std	std	std	std	std	std	std	std
Distance to Spot Size Ratio	10:1	20:1	**	10:1	**	20:1	**	30:1
Spectral Range	8 to 14 µm	8 to 14 µm	8 to 14 µm	8 to 14 µm	8 to 14 µm	8 to 14 µm	8 to 14 µm	8 to 14 µm
Differential Temperature	std	std	std	std	std	std	std	std
Min/Max Temperature	std	std	std	std	std	std	std	std
Average Temperature	std	std	std	std	std	std	std	std
High Alarm	std	std	std	std	std	std	std	std
Low Alarm	—	—	—	—	std	std	std	std
Audible Buzzer & Indicator	std	std	std	std	std	std	std	std
Ambient Target Temp Comp.	—	—	—	—	std	std	std	std
Analogue Output	1 mV/deg	1 mV/deg	1 mV/deg	1 mV/deg	1 mV/deg	1 mV/deg	1 mV/deg	1 mV/deg
RS-232 Output	—	—	—	—	std	std	std	std
Thermocouple Input	—	—	—	std	std	std	std	std
Data Storage	—	—	—	—	—	—	std	std
Laser Sight (Built-In)	dot/circle	dot/circle	dot	dot/circle	dot	dot/circle	dot	dot/circle
Trigger Lock	std	std	std	std	std	std	std	std
Last Temperature Recall	std	std	std	std	std	std	std	std
Operating Ambient	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C
Power	4 'AA' batteries or ac adaptor	4 'AA' batteries or ac adaptor	4 'AA' batteries or ac adaptor	4 'AA' batteries or ac adaptor	4 'AA' batteries or ac adaptor	4 'AA' batteries or ac adaptor	4 'AA' batteries or ac adaptor	4 'AA' batteries or ac adaptor
Battery Life	60 hr, alkaline; 10 days, lithium	60 hr, alkaline; 10 days, lithium	60 hr, alkaline; 10 days, lithium	60 hr, alkaline; 10 days, lithium	60 hr, alkaline; 10 days, lithium	60 hr, alkaline; 10 days, lithium	60 hr, alkaline; 10 days, lithium	60 hr, alkaline; 10 days, lithium
Tripod Mount	¼"-20 UNC	¼"-20 UNC	¼"-20 UNC	¼"-20 UNC	¼"-20 UNC	¼"-20 UNC	¼"-20 UNC	¼"-20 UNC

* or 1.7°C (3°F) whichever is greater

**3.8 mm @ 152 mm



- A Backlit LCD Display
- B High Alarm Icon
- C Emissivity Setting
- D Backlight Icon
- E °C or °F Units
- F Temperature Reading
- G Function Key/Scrolling
- H ▼ for decrementing data; °F-°C for changing units of measure
- I Locks the trigger/Enables/Disables Alarm
- J ▲ for incrementing data; ○-● for turning on/off the backlight